

a BusinessService class operable within the server computer to direct the execution of custom application code as a function of the input message.

5      42.      The business services layer of claim 41, wherein the custom application code is operable to process the input message to retrieve data, the data translatable with the document object model class, the Message class and the Field class to an output message in the form of a document object model document.

10      43.      The business services layer of claim 42, wherein the ApiService class is operable to direct the conversion of the output message to a presentation format defined by the request.

15      44.      The business services layer of claim 41, wherein the input message and the output message comprises a root element and a plurality of sub-elements.

20      45.      The business services layer of claim 41, further comprising a Fldtypes class operable within the server computer, wherein the Fldtypes class comprises definitions of the format of datatypes for fields within the input message.

25      46.      The business services layer of claim 41, wherein the document object model document comprises a plurality of field names, the field names selectable with a mode debug flag as one of a first field name and a second field name.

30      47.      The business services layer of claim 46, wherein the first field name and the second field name are defined in a MESSAGEDEFINITION class operable within the server computer.

35      48.      The business services layer of claim 41, wherein the document object model class comprises a Document class, a document object model Element class and a plurality of ProcessingInstruction classes, the Message class operable as a wrapper of the Document class, the document object model Element class and the Processing Instruction classes.

